

SESSION 2.5

DMJM LOCAL PROGRAM

BOB RUSSO



PROGRAM FEATURES

- 16 Vehicle Phases
- 16 Pedestrian Phases
- 16 Vehicle Overlaps w/ Preemption Omission
- 16 Pedestrian Overlaps Phases
- 17 Individual Timing Functions for each phase
- Completely customizable sequencer
- Concurrent Service of 0 – 4 Rings
- Sequences containing 0 – 8 phase compatibility barriers
- Simultaneous Quad/Dual ring operation
- 38 Individually control functions and features for each phase



COORDINATION FEATURES

64 Time-Based Coordination Plans each having

- **4 Phase control Data Sets**
 - **4 Phase timing Sets**
 - **4 Phase Sequence Sets**
 - **4 Offsets**
 - **16 Dynamic Omit and 16 Recall Plans**
-
- **Auto-calc of Permissive Times**
 - **Selectable Min cycle times during transition**
 - **Pedestrian force-off adjustment**
 - **Sync with main and side streets simultaneously (Cross-grids)**
 - **Coordination correction using 3 selectable optimization modes**



PREEMPTION/SCHEDULER

PREEMPTION

8 EV with 2 priority levels

4 Railroads

2 Special (16 interval defined)

SCHEDULER

256 TOY/TOD/DOW events

3 Event priority levels

Each Event can implement plans 1- 64, flash or free, and selectable options such as:

Recall Max 2 Soft Veh/Ped Recall

Lead/Lag

Min/Max Recall Detector Monitoring

Detector Counting

Split Monitoring Logic Macros

Deactivate Outputs



PROGRAMMABLE INPUTS

Inputs Are Assignable for the following functions:

Pin Connections	Max Inhibit
Force off A&B	CNA
Min/Max Recall	TBC Time Select
TOD/DOW Reset/Sync	Stop time
Cabinet Flash	Ext Alarms
Free/Flash	EVA/RR/SP Pre
Door Open	
Holds	
Veh/Ped and/or System Detectors	
Manual Control Adv/Enable	
Phase Timing Back Select	



PROGRAMMABLE OUTPUTS

Outputs Are Assignable for the following functions:

- **Pin Connections**
- **3 Flasher**
- **Vehicle/Pedestrian outputs**
- **4 Advanced Warning Beacons**
- **TBC Plan Status**
- **8 EVA, 4 RR and 2 Special Preemption**
- **Flash/Select/Status**
- **Cabinet Flash**
- **Watch Dog**